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NISSAN MOTOR CO LTD

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PURPOSE: To restrain a crew in the range capable of being operated for avoiding collision by a collision prediction, and restrain the crew surely and quickly by dating collision.

CONSTITUTION: This seat belt device

is provided with a seat belt 2 capable of being put on a crew seated on a seat 7 and a first

pretensioner mechanism PT1 in which first

tension is generated by winding up the seat belt 2 from the initial position due to input of an

operation signal and the crew is restrained in the range capable of being operated for avoiding

collision of the vehicle. Further, it is provided with a second pretensioner mechanism PT2 in which

second tension is generated by winding up the seat belt in the first tension state due to input of

an operation signal and the crew is restrained against collision of the vehicle, a first command

means G11 to predict collision of the vehicle and output an operation signal to the first

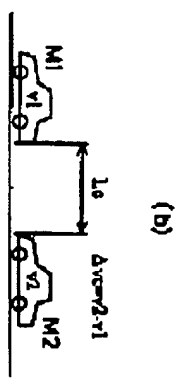
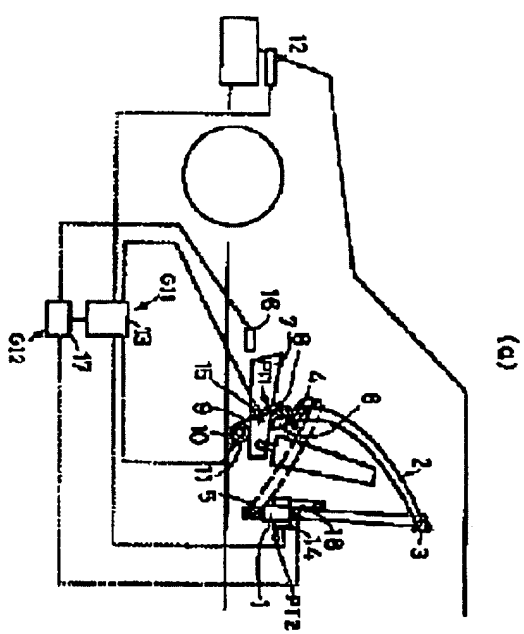
pretensioner mechanism PT1, and a second

command means G12 to judge collision of the

vehicle and output an operation signal to the

second pretensioner mechanism PT2.

US5552986 (A1)
DE4411184 (A1)



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